

ADJUSTMENT INSTRUCTION

1. Application Object

This instruction is for the application to the LCD TV.

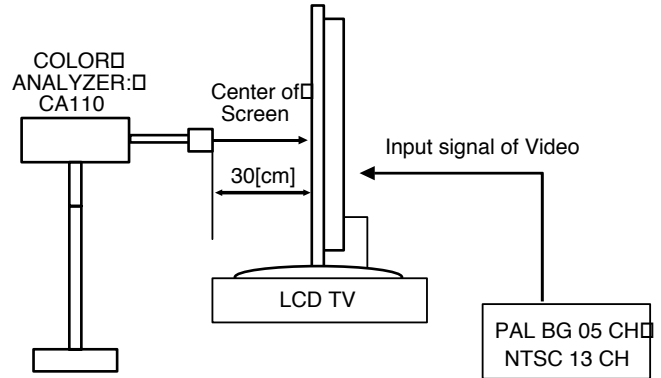
2. Notes

- (1) This set uses an adapter, so connect the adapter and the set correctly before adjustment.
- (2) The adjustment must be performed under the correct sequence.
- (3) The adjustment must be performed in the circumstance of $25\pm 5^{\circ}\text{C}$ of temperature and $65\pm 10\%$ of relative humidity if there is no specific designation.
- (4) The input voltage of the receiver must keep 220V, 60Hz in adjusting.
- (5) The set must be operated for 30 minutes preliminarily before adjustment if there is no specific designation.

- * 'Heat Run' must be performed with the full white signal or TV noise signal in the internal part of the set.
- * The time for 'Heat Run' can be changed owing to production plan.

5. Using method for CA-110

Use it in case of needing adjustment brightness.



3. Auto RGB Adjustment

3-1. Preparation for Adjustment

- (1) Receive the Digital Pattern.

3-2. Adjustment

- (1) Select AUTO RGB ADJ by pressing SVC Key of Remote Control for Adjustment.
- (2) Select "A RGB" Item.
- (2) Press the VOL + Key to appear "OK".

4. RGB LEVEL Adjustment

4-1. Using Equipment

- (1) Pattern Generator(408NPS-READER) which 10 STEP is possible.
- (2) A Remote Control for Adjustment

4-2. Adjustment

- (1) Select RGB LEVEL by pressing SVC Key of Remote Control for Adjustment.
- (2) Adjust that until 9th and 10th STEP is undistinguished by using VOL +/- Key in R-LVL item.
- (3) Adjust G-LVL and B-LVL as same way.
- (4) When adjustment is finished, Store it by pressing OK key. And escape it by pressing TV/AV Key.

Troubleshooting

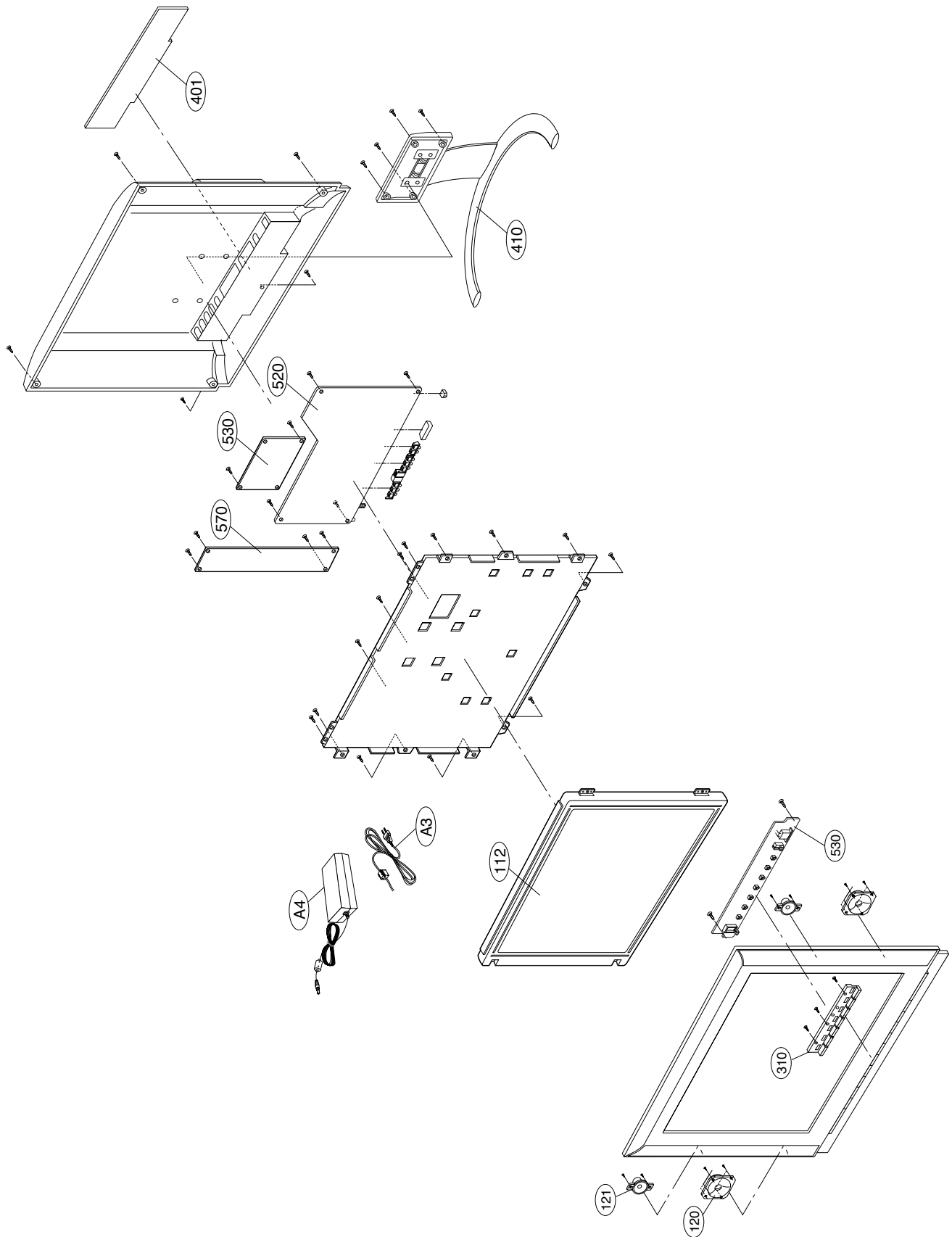
1. General Features

No.	Symptom	Cause	Check Point
1	No screen	Input error of inverter connector	1) Bend the pin legs of P802B connector -> recheck them 2) Check and repair the IC806,807 SI4925,IC801 SI786,IC803 SI4808.
		P502 and Pin 21 connector being slipped out	1) Check and fix P503B connector 2) Check and fix the components at P502 LCD module and at main board. 3) Check Pin50.
		Cracked components and soldering at tuner board	1) Check and repair tuner board and main board 2) Solder Q101.
2	Dark screen	1) Defective LCD lamp 2) Defective inverter 3) Input error of inverter connector	1) Replace the inverter 2) Replace the LCD lamp 3) Check the connector input.
3	Broken OSD display	Defective the font rom of IC501	Check and replace the font rom of IC508

2. TV and external input

No.	Symptom	Cause	Check Point
4	No sound - Speaker - Earphone	Defective Reset IC of IC902 Defective MSP3410D of IC901 Defective B+(8V,5V) of IC903,904.	1) Check volume and speaker - Sound comes out only when being inputted into Audio L/R 2) Check after replacing IC902 3) Replace IC901 4) Check and replace B+ of IC903,904.
5	Video color beat noise	Soldering IC201 and IC502,IC501 or masking it short.	Check and resoldering.
6	Video Jitter	P501B Pin20 connector defective.	Check the P501B Pin20 connector and repair.

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	PART NO.	DESCRIPTION
112	6304VT2011A	LCD,LC201V1-A1 20.1" LGPHILIPS-LCD
120	6400VA0030B	SPEAKER,FULLRANGE C080L30K145X ESTEC 4OHM 3W/4W
121	6400VG0005A	SPEAKER,TWEETER C050D10K1452 ESTEC 4 OHM 10/15
300	3091V00A13B	CABINET ASSEMBL
310	5020V00568A	BUTTON,KEY
320	320-070E	SPRING,COIL
330	5020V00569A	BUTTON,POWER
400	3809V00276B	BACK COVER ASSEMBLY
401	3550V00193A	COVER,A/V
410	4811V00018A	BRACKET ASSEMBLY,STAND
520	6871VMMA78A	PCB ASSEMBLY,MAIN MF002A
530	6871VSMA93A	PCB ASSEMBLY,SUB MF-002A MX
540	6871VSMA57A	PCB ASSEMBLY,SUB MF-002A CONT
570	6633VA0003D	INVERTER ASSEMBLY,15VOLT KUBNKM022AVOLT 850VOLT
580	6871VSMB03A	PCB ASSEMBLY,SUB MF002A TUNER

REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic	RD : Carbon Film
CQ : Polyester	RS : Metal Oxide Film
CE : Electrolytic	RN : Metal Film
	RF : Fusible

RUN DATE : 2002.1.28

LOCA. NO	PART NO	DESCRIPTION
IC		
IC1	0IZZVC0034A	SDA555X 52PIN ST MICOM RN-20LA
IC2	0IAL241610B	AT24C16-10PC-2.7 8PIN DIP ST E
IC3	0ICTMZI001A	Z8622912SSC ZILOG 18PIN-SOIC R
IC4	0IFA752700A	KA75270Z 3 TP RE-SET IC MC-007
IC10	0ISA721700C	LA7217M MFP14 TP SYNC SEPARATO
IC201	0IIT323000D	VPC3230D QA B4 80P QFP TRAY SO
IC301	0IHV100100A	LGTV1001 64P QFP BK PROGRESSIV
IC302	0ISM941000A	SDA9410 100QFP BK SCAN CONVERT
IC401	0ISO210100B	CXA2101AQ 80P,QFP BK VIDEO SIG
IC402	0ISH092100B	PQ09RD21 4SIP ST REGULATOR
IC501	0ITI808300B	THS8083 100QFP BK ADC IC PD-40
IC502	0IMR882840B	MX88L284-V 208QFP BK SCALE MF0
IC505	0ISS416162B	K4S161622D-TC80 50 TSOP BK SDR
IC507	0IKE702700D	KIA7027AF 3, SOT-89 TP RESET I
IC508	0ICTMMO003A	SC786107DWR2 MOTOROLA 16 SOP R
IC509	0IKE703300E	KIA7033AF 3P SOT-89 ST BIPOLAR
IC801	0ITC786000A	SI786 28SSOP TP DUAL-OUTPUT PO
IC809	0IKE781200P	KIA7812API TO220 ST 3P 12V REG
IC850	0ISH092100B	PQ09RD21 4SIP ST REGULATOR
IC851	0ISH323422A	PQ3RF23 4P(TO-220) 3.3V REGUL
IC852	0IKE780500P	KIA78L05BP(AT) 3P 5V,150MA
IC853	0ISH052100C	PQ05RD21 4SIP ST REGULATOR
IC854	0ISH122100B	PQ12RD21 4SIP ST REGULATOR
IC901	0IMCRMN002A	MSP3400G QA B6 MICRONAS 80 QFP
IC902	0IKE703300E	KIA7033AF 3P SOT-89 ST BIPOLAR
IC903	0IKE780800J	KIA7808API 3 ST REGULATOR .
IC904	0IKE780500Q	KIA7805API 3P TO-220 ST REGULA
IC905	0ISA428200A	LA4282 12S 2CHX10W AUDIO AMP
L1	0IFA270000A	2N7000TA TO-92, 3P TP LEVEL SH
L2	0IFA270000A	2N7000TA TO-92, 3P TP LEVEL SH
TRANSISTOR		
IC506	0TF492509AA	FET,SI4925DY TP TEMIC 30V 6.1A SO
IC802	0TFVI80001A	FETS,VISHAY SI4808DY R/TP SO-8 30V
IC803	0TFVI80001A	FETS,VISHAY SI4808DY R/TP SO-8 30V
IC806	0TF492509AA	FET,SI4925DY TP TEMIC 30V 6.1A SO
IC807	0TF492509AA	FET,SI4925DY TP TEMIC 30V 6.1A SO
IC808	0TF492509AA	FET,SI4925DY TP TEMIC 30V 6.1A SO
Q1	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q3	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q50	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q90	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q101	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q103	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q201	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q202	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q203	0TR387500AA	CHIP 2SC3875S(ALY) KEC

LOCA. NO	PART NO	DESCRIPTION
Q205	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q206	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q207	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q208	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q209	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q210	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q211	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q212	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q213	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q214	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q215	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q216	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q301	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q302	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q303	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q304	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q305	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q306	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q401	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q402	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q403	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q404	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q460	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q501	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q801	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q901	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q902	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q903	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1001	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
DIODE		
D1	0DD181009AB	KDS181 TP KEC - 85V - - - 300M
D801	0DL112100AB	LED,SM3411(DL-11S2GN1) BK Y-GREEN
D802	0DL112100AA	LED,SR3411(DL-11S2RN1) BK RED -
D804	0DD100009AM	EU1ZV(1) TP SANKEN
D806	0DD181009AB	KDS181 TP KEC - 85V - - - 300M
D807	0DD181009AB	KDS181 TP KEC - 85V - - - 300M
D901	0DD181009AB	KDS181 TP KEC - 85V - - - 300M
D902	0DD181009AB	KDS181 TP KEC - 85V - - - 300M
LD1001	162-002B	LED ASSY (MC51A,M-8.9)
ZD101	0DZ330009BA	ZENER,HZT33(TP) HITACHI
CAPACITOR		
C2	0CQ6821N509	0.0068U 100V K
C3	0CQ6831N509	0.068U 100V K
C5	0CE107BF618	100UF KME 16V M
C7	0CE107DF618	100UF STD 16V M
C10	0CQ3321N509	0.0033U 100V K
C11	0CQ6831N509	0.068U 100V K

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C12	0CE227DD618	220UF STD 10V M	C435	0CE107BF618	100UF KME 16V M
C16	0CQ1041N509	0.1U 100V K	C439	0CE477BF618	470UF KME 16V M
C24	0CE106DF618	10UF STD 16V M	C604	0CE107SF6DC	100UF MVG 16V M
C25	0CE106DF618	10UF STD 16V M	C606	0CE107SF6DC	100UF MVG 16V M
C92	0CE105DK618	1UF STD 50V M	C607	0CE106SH6DC	10UF MVG 25V M
C94	0CE476DF618	47UF STD 16V M	C627	0CE107SF6DC	100UF MVG 16V M
C95	0CE105CK636	1UF SHL,SD 50V M	C631	0CE107SF6DC	100UF MVG 16V M
C101	0CE476DH618	47UF STD 25V 20%	C640	0CE227SC6DC	220UF MVG 6.3V M
C102	0CQ1031N509	0.01U 100V K	C641	0CE227SC6DC	220UF MVG 6.3V M
C104	0CE108DD618	1000UF STD 10V M	C801	0CE476DK618	47UF STD 50V M
C107	0CE106DK618	10UF STD 50V M	C802	0CE107DF618	100UF STD 16V M
C112	0CE475DK618	4.7UF STD 50V 20%	C803	0CE477BF618	470UF KME 16V M
C205	0CE107DF618	100UF STD 16V M	C804	0CE477BF618	470UF KME 16V M
C209	0CE106DF618	10UF STD 16V M	C805	0CE477BF618	470UF KME 16V M
C210	0CE106DF618	10UF STD 16V M	C806	0CE477BF618	470UF KME 16V M
C231	0CE476DF618	47UF STD 16V M	C807	0CE227BH618	220UF KME 25V M
C232	0CE107DF618	100UF STD 16V M	C812	0CE227BH618	220UF KME 25V M
C238	0CE476DF618	47UF STD 16V M	C814	0CE475DK618	4.7UF STD 50V 20%
C240	0CK224DF56A	220000PF 2012 16V 10%	C816	0CE107DH618	100UF STD 25V M
C241	0CK224DF56A	220000PF 2012 16V 10%	C819	0CE106DF618	10UF STD 16V M
C242	0CE226DF618	22UF STD 16V M	C820	0CE227DH618	220UF STD 25V M
C244	0CE107DF618	100UF STD 16V M	C826	0CE337DH618	330UF STD 25V M
C248	0CK224DF56A	220000PF 2012 16V 10%	C827	0CE477BF618	470UF KME 16V M
C249	0CK224DF56A	220000PF 2012 16V 10%	C828	0CE477BF618	470UF KME 16V M
C250	0CK224DF56A	220000PF 2012 16V 10%	C871	0CE477DF618	470UF STD 16V 20%
C251	0CK224DF56A	220000PF 2012 16V 10%	C872	0CE337DH618	330UF STD 25V M
C253	0CK224DF56A	220000PF 2012 16V 10%	C880	0CE477BF618	470UF KME 16V M
C254	0CE105DK618	1UF STD 50V M	C881	0CE107DF618	100UF STD 16V M
C255	0CK224DF56A	220000PF 2012 16V 10%	C882	0CE227DH618	220UF STD 25V M
C256	0CE105DK618	1UF STD 50V M	C904	0CE476BK618	47UF KME 50V M
C257	0CK224DF56A	220000PF 2012 16V 10%	C908	0CE107BF618	100UF KME 16V M
C262	0CE4741K636	0.47UF SM,SA 50V 20%	C909	0CE225BK618	2.2UF KME TYPE 50V 20%
C263	0CE224DK618	0.22UF STD 50V M	C910	0CQ1031N509	0.01U 100V K
C273	0CE4741K636	0.47UF SM,SA 50V 20%	C914	0CE107BH618	100UF KME 25V M
C274	0CE4741K636	0.47UF SM,SA 50V 20%	C916	0CE107DF618	100UF STD 16V M
C312	0CE107DF618	100UF STD 16V M	C922	0CE106DF618	10UF STD 16V M
C313	0CE107DF618	100UF STD 16V M	C926	0CE107DF618	100UF STD 16V M
C314	0CE107DF618	100UF STD 16V M	C927	0CE107BF618	100UF KME 16V M
C315	0CE107DF618	100UF STD 16V M	C928	0CE225BK618	2.2UF KME TYPE 50V 20%
C320	0CE107DF618	100UF STD 16V M	C930	0CE107BF618	100UF KME 16V M
C321	0CE107DF618	100UF STD 16V M	C932	0CK224DF56A	220000PF 2012 16V 10%
C343	0CE476DF618	47UF STD 16V M	C933	0CK224DF56A	220000PF 2012 16V 10%
C349	0CE106DF618	10UF STD 16V M	C935	0CE106DF618	10UF STD 16V M
C359	0CE107DF618	100UF STD 16V M	C936	0CK224DF56A	220000PF 2012 16V 10%
C402	0CE476DF618	47UF STD 16V M	C937	0CK224DF56A	220000PF 2012 16V 10%
C408	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4	C938	0CK224DF56A	220000PF 2012 16V 10%
C417	0CE476DF618	47UF STD 16V M	C940	0CK224DF56A	220000PF 2012 16V 10%
C418	0CE106DF618	10UF STD 16V M	C943	0CE335DK618	3.3UF STD 50V 20%
C419	0CE105BK618	1UF KME 50V M	C944	0CE106DF618	10UF STD 16V M
C422	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4	C945	0CE477DF618	470UF STD 16V 20%
C423	0CE106DF618	10UF STD 16V M	C951	0CQ1031N509	0.01U 100V K
C431	0CE476BK618	47UF KME 50V M	C954	0CE477DH618	470UF STD 25V M

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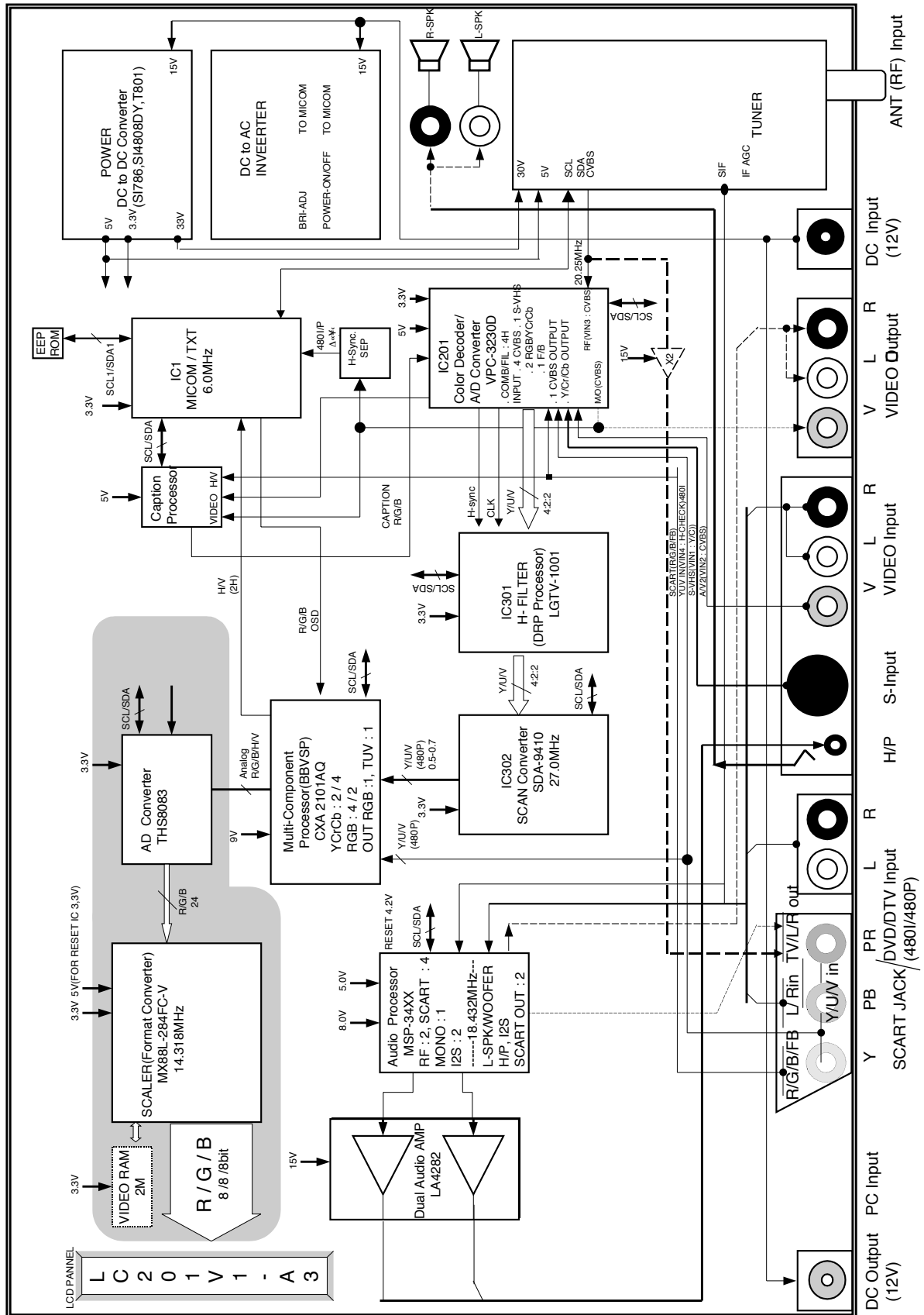
LOCA. NO	PART NO	DESCRIPTION
C955	0CE476BK618	47UF KME 50V M
C959	0CE477DH618	470UF STD 25V M
C960	0CE477DH618	470UF STD 25V M
C1001	0CE107DD618	100UF STD 10V M
C1002	0CK1030K945	0.01UF 50V Z
FUSE & JACK		
DJ201	380-362K	JACK,RCA PJ 6035K 2P(S/HOLE)3.4
EJ201	6613V00008F	JACK ASSY,PMJ014F E/P(ST)+S-VH
F801	0FS6300B84B	FUSE,SLOW BLOW 630MA 250V
F802	0FT2001A86B	FUSE,TIME LAG 2000MA 125V
MJ201	6613V00004P	JACK ASSY,PJ6054P RCA 3P GOLD
PJ801	6612VAH001C	JACK,PHONE DC-003 UNITOP 4PIN POWER JACK
SJ201	6612VJH008D	JACK,RCA PJ6063D DVD IN 3P GN-
COIL & TRANSFORMER		
L103	0LA0272K139	INDUCTOR,27UH K
L214	0LA0331K119	INDUCTOR,3.3UH K
L215	0LA0331K119	INDUCTOR,3.3UH K
L216	0LA0331K119	INDUCTOR,3.3UH K
L217	0LA0331K119	INDUCTOR,3.3UH K
L218	0LA0331K119	INDUCTOR,3.3UH K
L801	6140VB0004B	COIL,CHOKE 26UH 1UEWPHY 22.5TURN
L802	6140VB0004B	COIL,CHOKE 26UH 1UEWPHY 22.5TURN
L804	6140VB0004A	COIL,CHOKE 9.5UH 1UEWPHY 13.5TURN
L1001	0LA0222K119	INDUCTOR,22UH K
T801	6170VTCA30A	TRANSFORMER,SMPS[COIL] EPC 13-Z 320UH DC-DC CONV
RESISTOR		
R250	0RD1200H609	120 OHM 1/2 W 5.00%
R253	0RD1200H609	120 OHM 1/2 W 5.00%
R321	0RN2202F409	22K OHM 1/6 W 1.00%
R322	0RN5602F409	56K OHM 1/6 W 1.00%
R803	0RHZVTA001A	0.025 OHM 1W 2% 2512 R/TP, IRC
R804	0RHZVTA001A	0.025 OHM 1W 2% 2512 R/TP, IRC
R880	0RHZVTA001A	0.025 OHM 1W 2% 2512 R/TP, IRC
R932	0RF0561K607	5.6 OHM 2 W 5.00%
R1001	0RD4701F609	4.7K OHM 1/6 W 5.00%
R1003	0RD1201F609	1.2K OHM 1/6 W 5.00%
R1004	0RD3300F609	330 OHM 1/6 W 5.00%
R1006	0RD4701F609	4.7K OHM 1/6 W 5.00%
R1007	0RD4701F609	4.7K OHM 1/6 W 5.00%
R1008	0RD4701F609	4.7K OHM 1/6 W 5.00%
R1009	0RD4701F609	4.7K OHM 1/6 W 5.00%
R1010	0RD4701F609	4.7K OHM 1/6 W 5.00%
R1011	0RD4701F609	4.7K OHM 1/6 W 5.00%
RA501	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
RA502	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
RA503	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
RA504	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
RA505	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
RA506	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH

LOCA. NO	PART NO	DESCRIPTION
SWITCH		
SW1001	6600VZ3002B	SWITCH,HOOK SDKLA11100 250V 5A/80A
SW1002	140-315A	SWITCH,TACT SKHV17910B NON 12V
SW1003	140-315A	SWITCH,TACT SKHV17910B NON 12V
SW1004	140-315A	SWITCH,TACT SKHV17910B NON 12V
SW1005	140-315A	SWITCH,TACT SKHV17910B NON 12V
SW1006	140-315A	SWITCH,TACT SKHV17910B NON 12V
SW1007	140-315A	SWITCH,TACT SKHV17910B NON 12V
SW1008	140-315A	SWITCH,TACT SKHV17910B NON 12V
CRYSTAL & FILTER		
IC303	6200VKR001A	FILTER,B.P. LPF 1EA SMD H354LAI-K5206
IC305	6200VKR001A	FILTER,B.P. LPF 1EA SMD H354LAI-K5206
L90	6210TCE001G	FILTER,EMC HH-1M3216-501
L91	6210TCE001G	FILTER,EMC HH-1M3216-501
L101	6210TCE001G	FILTER,EMC HH-1M3216-501
L102	6210TCE001G	FILTER,EMC HH-1M3216-501
L207	6210TCE001A	FILTER,EMC HB-1S2012-080JT
L209	6210TCE001A	FILTER,EMC HB-1S2012-080JT
L210	6210TCE001G	FILTER,EMC HH-1M3216-501
L211	6210TCE001A	FILTER,EMC HB-1S2012-080JT
L212	6210TCE001A	FILTER,EMC HB-1S2012-080JT
L305	6210TCE001G	FILTER,EMC HH-1M3216-501
L306	6210TCE001G	FILTER,EMC HH-1M3216-501
L307	6210TCE001G	FILTER,EMC HH-1M3216-501
L308	6210TCE001G	FILTER,EMC HH-1M3216-501
L309	6210TCE001G	FILTER,EMC HH-1M3216-501
L310	6210TCE001G	FILTER,EMC HH-1M3216-501
L311	6210TCE001G	FILTER,EMC HH-1M3216-501
L312	6210TCE001A	FILTER,EMC HB-1S2012-080JT
L401	6210TCE001G	FILTER,EMC HH-1M3216-501
L402	6210TCE001G	FILTER,EMC HH-1M3216-501
L403	6210TCE001G	FILTER,EMC HH-1M3216-501
L511	6210TCE001A	FILTER,EMC HB-1S2012-080JT
L512	6210TCE001A	FILTER,EMC HB-1S2012-080JT
L519	6210TCE001E	FILTER,EMC HB-1M2012-800JT
L601	6210TCE001G	FILTER,EMC HH-1M3216-501
L602	6210TCE001G	FILTER,EMC HH-1M3216-501
L603	6210TCE001G	FILTER,EMC HH-1M3216-501
L803	6210TCE001G	FILTER,EMC HH-1M3216-501
L805	6210TCE001G	FILTER,EMC HH-1M3216-501
L806	6210TCE001G	FILTER,EMC HH-1M3216-501
L807	6210TCE001G	FILTER,EMC HH-1M3216-501
L901	6210TCE001G	FILTER,EMC HH-1M3216-501
L902	6210TCE001G	FILTER,EMC HH-1M3216-501
L903	6210TCE001G	FILTER,EMC HH-1M3216-501
L910	6210TCE001G	FILTER,EMC HH-1M3216-501
LA801	6210VC0004A	FILTER,EMC BK3216 4S600
LA802	6210VC0004A	FILTER,EMC BK3216 4S600
LA803	6210VC0004A	FILTER,EMC BK3216 4S600
LA804	6210VC0004A	FILTER,EMC BK3216 4S600

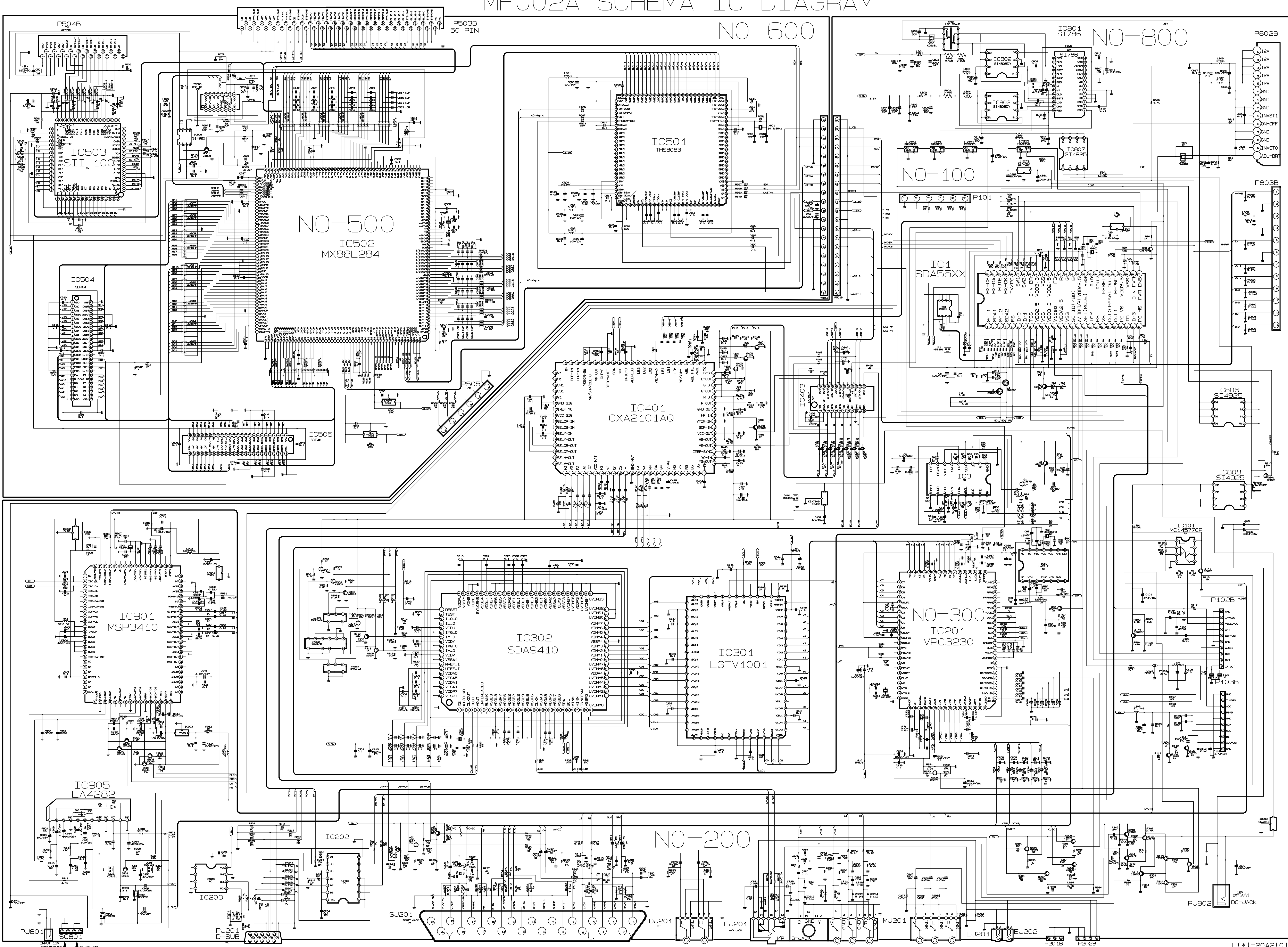
RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION

BLOCK DIAGRAM

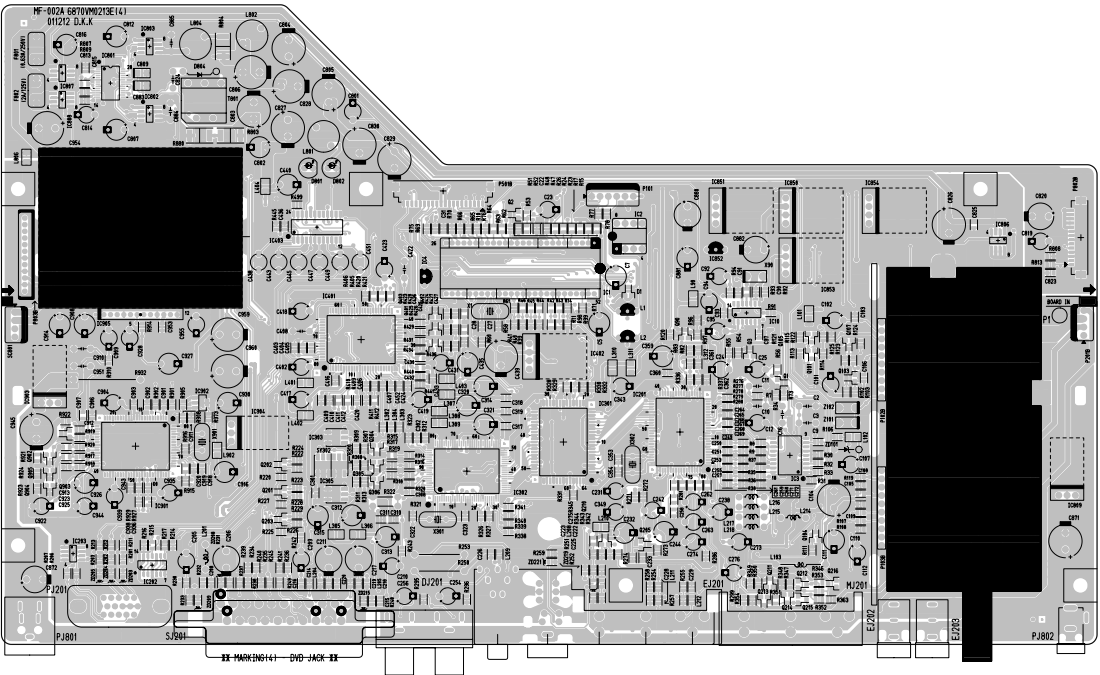


MF002A SCHEMATIC DIAGRAM

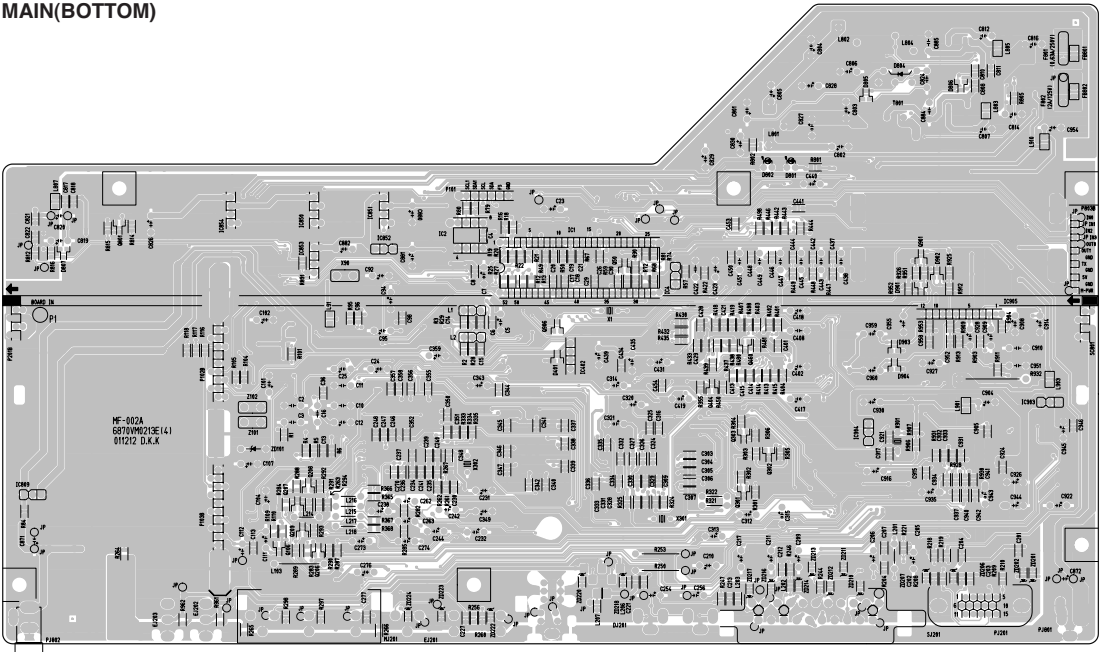


PRINTED CIRCUIT BOARD

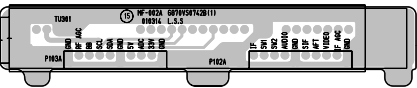
MAIN(TOP)



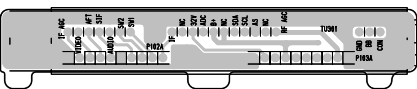
MAIN(BOTTOM)



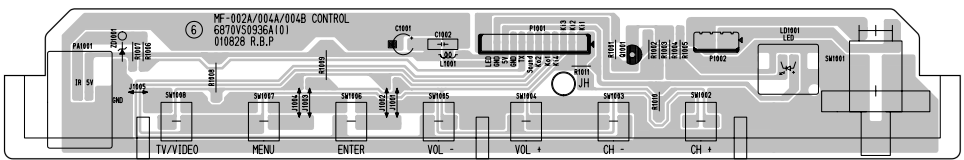
TUNER(TOP)



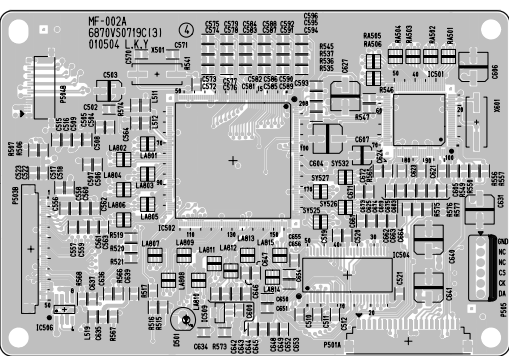
TUNER(BOTTOM)



CONTROL



MX(TOP)



MX(BOTTOM)

